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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/19/2000

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EXAMINER

ORGAD, EDAN

ART UNIT

PAPER NUMBER

2618

MAIL DATE

DELIVERY MODE

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 09/691,802	<b>Applicant(s)</b> MATSUMOTO, HIDEHIRO	
	<b>Examiner</b> Edan Orgad	<b>Art Unit</b> 2618	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 23 February 2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1, 5-12, 16-21, 23-29, 32-37, 40-51 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1, 5, 9-12, 15, 18-21, 23, 24, 26-29, 32, 34-37, 40, 42 and 44-51 is/are rejected.
- 7) ☒ Claim(s) 6, 8, 17, 25, 33, 41 and 43 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Response to Arguments***

Applicant's arguments with respect to all claims have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 5, 9-12, 16, 18-21, 26-29, 34-37, 40 and 44- 51 are rejected under 35 U.S.C. 103(a) as being unpatentable over Timothy Bickmore et al ("Web Page Filtering and Re-Authoring for Mobile Users" August 18, 1998. Palo Alto Laboratory, CA., pages 534-546. THE COMPUTER JOURNAL, VOL. 42, NO. 6) in view of Shinoda Mayumi (JP 08-202655, translation) and further in view of Isomichi et al (2001/0000358).

Regarding claims 1, 12, 21, 29, 37, 47 and 51, Bickmore teaches a wireless communication system (fig. 1) which supplies information data to a wireless client through a wireless data communication network, comprising: an information source server which includes the information data and a gateway server (see Digester http proxy, figure 1) which is connected to the information source server via a network and selectively connected to the wireless client (see user, figure 1) via the wireless data

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communication network, the gateway server comprising: a font storing unit (pg. 534-535, ¶ 2.2) for storing a font which is used in the wireless client to output the information data; a font determining unit (pg. 535, ¶ 2.3) for determining a font to be stored in the font storing unit; and a font transferring unit for transferring the determined font to the wireless client, wherein the gateway server temporarily stores the information data sent from the information source server and sends the information data to the wireless client according to a data reception state of the wireless client concerned with the determined font (pg. 536, ¶ 3.1 & pg 538, ¶ 3.3.1).

However, Bickmore fails to specifically disclose said font determining unit determining the font by reference a language selected in the wireless client, determining a font which corresponds to a language selected in the wireless client. .

In the same field of endeavor, Shinoda Mayumi (JP 08-202655) discloses a font determining unit determining the font by reference a language selected in the wireless (see Shinoda Mayumi (JP 08-202655- translation) ¶ 0006, 0013, 009, 0035, 0036, 0038 and 0046).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to include Shinoda Mayumi's font determining unit determining the font by reference to at least one of a language selected in the wireless client and the user information database which includes user information stored in advance with Bickmore's invention in order to provide the subscriber interface with the most friendly and efficient interface for an individual and a device such as a cellular telephone as taught by Shinoda Mayumi.

Furthermore, the combination of Shinoda and Bickmore fail to disclose an authenticating unit which performs authentication for connecting the wireless client to the gateway server. However, Isomichi teaches each user by transmitting a request from each user received by a gateway to another desired information provider server or gateway with the user ID and password being converted and by returning a response to the request to the user through a reverse conversion process when the response is received. The gateway system according to the present invention includes a unit which authenticates the user upon receiving the request from the user, a unit which makes the request using link information and authentication information corresponding to the requested service, and a unit which incorporates link information concerning the gateway system into link information included in returned data corresponding to the requested service (see abstract).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to include Isomichi's authentication unit with Bickmore's modified communication system in order to assure proper verification and thus improve the validation process.

Regarding claims 5, 16 and 40, Bickmore teaches the user control server cooperates with the gateway server (pg. 541, ¶ 3.4).

Regarding claims 3, 14 and 22, Bickmore fails to specifically disclose the gateway server includes an authenticating unit which performs authentication for connecting the wireless client to the gateway server. However, an authenticating unit which performs authentication for connecting the wireless client to the gateway server is well known in the art.

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Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to include an authenticating unit which performs authentication for connecting the wireless client to the gateway server with Bickmore's invention in order to assure proper usage of the system.

Regarding claims 9-11, 18-20, 26-29, 34-36, 44-46 and 48-50, Bickmore as modified above fails to specifically disclose the determined font is a character font used to display or a special font representing a pictogram or a voice font used to output a voice. However, official notice is taken, that it is well known in the art to have a font that a character font used to display or a special font representing a pictogram or a voice font used to output a voice. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to include a font that is a character font used to display or a special font representing a pictogram or a voice font used to output a voice with Bickmore's invention in order to provide the user with different options regarding the particular manipulations of the fonts.

Claims 7, 23, 24, 32 and 42 are rejected under 35 U.S.C. 103(a) as being unpatentable over Timothy Bickmore et al ("Web Page Filtering and Re-Authoring for Mobile Users" August 18, 1998. Palo Alto Laboratory, CA., pages 534-546. THE COMPUTER JOURNAL, VOL. 42, NO. 6) in view of Shinoda Mayumi (JP 08-202655) and in view of Isomichi et al (2001/0000358) and further in view of Simon et al (US 6,065,008).

Regarding claims 7, 23, 24, 32 and 42, Bickmore as modified above fails to specifically disclose a font server which stores a plurality of candidate fonts used and

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selected by the font determining unit. However, Simon does disclose a font server which stores a plurality of candidate fonts used and selected by the font determining unit (col. 2, lines 27-39). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to include a font server which stores a plurality of candidate fonts used and selected by the font determining unit as taught by Simon with Bickmore's invention in order to provide to user with numerous fonts.

#### ***Allowable Subject Matter***

Claims 6, 8, 17, 25, 33, 41 and 43 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

#### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edan Orgad whose telephone number is 571-272-7884. The examiner can normally be reached on 9:00AM to 5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on 571-272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

EDAN ORGAD  
PRIMARY PATENT EXAMINER

*Edan Orgad* 5/14/07